

Beyond Web: Agent based Publishing

Wide Area Information Servers, Inc



Brewster Kahle, President DAGS, June 1995

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Internet Publishing Today: Browsing

- World Wide Web
- Isolated Services
- Wired---CMP---Time Inc---Britannica



Customer Demands

What I want: Personalization

• How I want it: Packaged Delivery

• Single System: Aggregation

• Single Price: Understandable costs

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Agent Technology "Offers" it All:

- Automated Queries
- Vertical Market Packaging
- Aggregation (Starting to Appear)
- Easier Profiling (In research systems)
- Understandable Pricing (Uh, Someday)



NewsHound: Start

MERCURY CENTER - Entering NewsHound Service

The Mercury Center NewsHound searches news articles and classifed ads from the San Jose Mercury News and other inform information sources and sends relevant documents to your electronic mail box. NewsHound Profiles search every hour aro around the clock so that you don't miss important information.

You can browse this area at no charge other than regular connect time. To use the NewsHound service, however, you must first register your screen name by calling toll free 1-800-818-NEWS.

A Charter subscription to NewsHound costs just \$4.95 per month for up to five profiles. That's half off the usual price of \$9.95 -- and you can try the service for 30 days at no extra charge.

Click "Continue" to proceed.

Cancel

Continue



NewsHound Profile

☐ MERCU	RY CENTER - Cree	te NewsHound	Profile	
Use this form to cr	eate, delete or cha	ange a NewsHou	and profile.	
Enter "x" to:	× Create	Delete	Change	
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NewsHound Email Article

[60] DELAHAYE GROUP TO OFFER NE

Date: Ved, 31 Hay 1995 15:50:23 -0800
To: breuster@uais.com
From: NeusHound8; inerrury.com (NeusHound)
Subject: [60] DELAHAYE GROUP TO OFFER NETBENCH: HIGH LEVEL WEB-SITE QUALITATIVE

ANALYSIS AND REPORTING; NETBENCH BUILDS ON SYSTEMS PROVIDED BY I Selected by your NewsHound profile entitled "ONLINE SERVICES". The selectivity score was 60 out of 100.

Delahaye Group To Offer NetBench: High Level Web-Site Qualitative Analysis and Reporting; NetBench Builds on Systems Provided by I/P Delahaye Group To Offer NetBench: High Level Web-Site Qualitative Analysis and Reporting; NetBench Builds on Systems Provided by I/PRO and Internet Hedia

PORTSMOUTH, N.H.--(BUSINESS WIRE)--Hay 31, 1995--The Delahaye Group today announced NetBench(TM), a new qualitative analysis and reporting service for evaluating the effectiveness of Internet marketing programs on the World Wide Web.

Related Internet service offerings to enhance the NetBench capability were also announced, including analysis of effective web-site design, data capture features, and message communication. These services uill build on systems provided by I/PROTM (Internet Profiles Corporation), San Francisco and Internet Media Services, Inc. (IMS), Palo Alto.

NetBench, the newest addition to Delahaye's range of qualitative, comprehensive measurement services, evaluates the effectiveness of marketing sites on the World Wide Web. The NetBench analysis service, building on data compiled by the

PI

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Email Delivery

■ Re- hpcwire ■

The E-zine for High Performance Computing and Commercial Processing *** November 23, 1994: Vol. 3, No. 46 Circulation: 18,781 ***
This Week's Table of Contents Represents 201 Pages of Text

Article Retrieval instructions at end of this file (more@hpcwire.tgc.com).

The Portland Group (PGI) is now shipping its High Performance Fortran (HPF) compiler. For more information, see the PGI home page at (http://www.pgroup.com> or retrieve the following HPCwire articles:

4815) Special PGI Program Promotes Parallel Computing in Education 4817) First Production Release of pghpf Compiler from PGI 4822) PGI Rnnounces HPF Compilers on Silicon Graphics Systems 932) The Portland Group Backgrounder and Fact Sheet

1520) Two Faces of New Congress Will Weigh Future of HPCC and NII 4879) 1994 Cordon Bell Rward Winners Announced at Supercomputing'94 1521) FEATURE: Making the NII Real, SC'94 Keynote by Edward R. McCracken

For a free 6-week trial subscription, email: (trial@hpcwire.tgc.com>)

SPECIAL SUPERCOMPUTING '94 SUPPLEMENT

950) We missed you at SC'94 and you still have a second chance! access the LIVEwire daily coverage issues of SC'94, retrieve (950)

GORDON BELL AWARD WINNERS



Individual Inc FAX Alerts



9



Individual Email Alerts

📱 First! 02-23-95 (9 stories) <0B 🧱

Date: Thu, 23 Feb 1995 04:02:29 -0500
From: first@woolf.individual.com
To: Brewster@wais.com
Subject: First! 02-23-95 (9 stories) <0BUM97PW> [Indiv4]

PROFILE TITLE: Industry Awareness Rpt./Info. Svc. Overview INDIVIDUAL, Inc.

- 12,430 Stories Received Today; 9 Relevant To Your Profile:
- 1. SEYBOLD SEMINARS BOSTON 95 EXPOSITION HIGHLIGHTS REAL-WORLD EXAMPLES OF PUBLISHING ACHIEVEMENTS
- 2. TRIBUNE FORMS TRIBUNE VENTURES UNIT
- 3. CYBERSPACE/ WHERE THE WOMEN AREN'T! COMPUTERS & TECHNOLOGY
- 4. MCGRAW-HILL ESTABLISHES NEW INFORMATION SERVICES GROUP FOCUSING ON CORE INFORMATION PRODUCTS AND NEW HEDIA -- NEWLY INTEGRATED CORPORATE DEVELOPMENT DEPARTMENT ALSO ANNOUNCED
- 5. SPECTRUM INFORMATION TECHNOLOGIES FILES 10-Q FOR THIRD QUARTER
- 6. CRERE SHIPS PROEKEEPER 2.0 FOR WINDOWS
- 7. STANFORD UNIVERSITY RESEARCHERS DESIGNING ADVANCED INTERNET TOOLS
- 8. AMERICA ONLINE INC DEL UP 1.19 TO 67.69 ON VOLUME OF 472,700 SHARES

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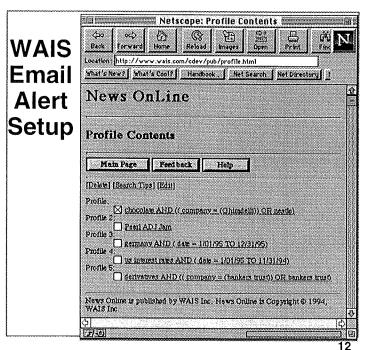


HEADSUP TOPIC SELECTION FORM

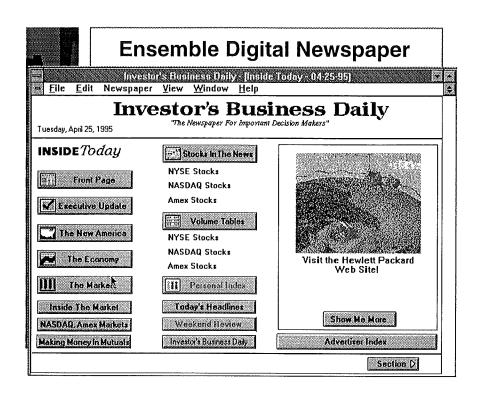
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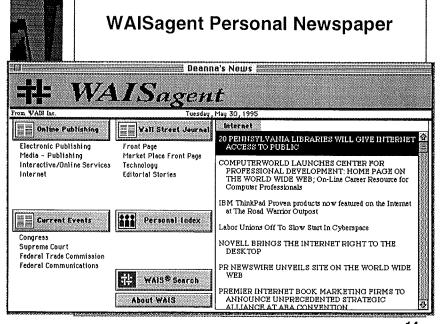
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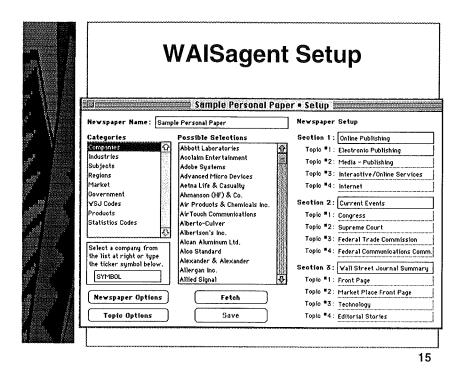


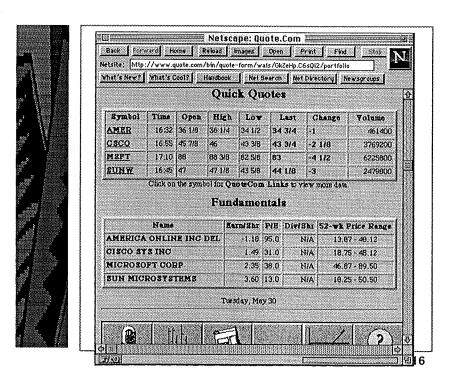


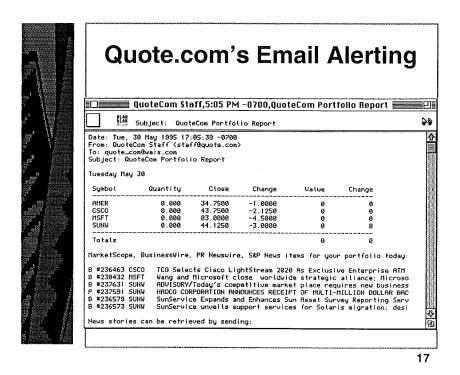
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Agent Progress

- Quote.com: Financial Services
- NewsHound: Email Alerting
- Individual Inc: FAX and Email, Human editors
- PointCast: Bringing Customized Layout
- WAIS Inc: Ascii Email, Personal Digital Newspapers

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Future Directions in Agents

- Refinement of "mission": Everyone is an Editor
 - Music Selection: Ringo by MIT
 - Video Selection: BellCorp
- Aggregation from Multiple sources
 - Centralization (eg. Dialog, Individual, InfoSeek)
 - Robot Gatherers: Webcrawler, Yahoo
 - Search Protocols (Z39.50, PLS, OpenText)
- Adaptive Refinement of Mission: not yet.



Publishing of Old: Push Consumer Consumer

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Agent Publishing: Consumer Pull Editor Editor Editor Consumer Consumer Integrated access to multiple sources Personal preferences drives the flow Easy Delivery



Contact Information

- info@wais.com, http://www.wais.com
- Brewster@wais.com
- 415-356-5400

